From the makers of the STOP IT® PIPE REPAIR SYSTEM



FIX STIX**

Certified to ANSI/NSF 61



A hand-moldable, industrial strength, steel filled epoxy... stop leaks, fill holes and cracks, bond and repair almost anything.



No hot work or special tools required. Ready to use.

This simple, easy to use epoxy stick will stop leaks, fill holes and cracks fast. FIX STIX[™] sets rock hard in about 20 minutes, works underwater and in a wide temperature range. FIX STIX™ is pre-measured, non-toxic, solvent free, has little odor, can be used on potable water lines and has excellent chemical resistance. It will not shrink, crack or pull away. FIX STIX[™] can be machined, threaded and painted after fully curing.

THOUSANDS OF USES!











FIX STIX[™] – TECHNICAL INFORMATION

Physical Properties Working time: 2 minutes Set time: 20 minutes Maximum use temperature: 300° F Dielectric strength: 300 volts/mil at 0.15 cm Volume resistivity: 1 x 1012 ohm/cm Density: 18.5 lb/gal Compression Strength: 12,000 psi Tensile Strength: 6,000 psi Modulus of Elasticity: 6 x 10^s psi Lap Shear Strength (steel): 900 psi

Fill holes, cracks and voids, repair threads, broken parts. Keep at least one in every toolbox. Izod Impact: 0.3 lb/in (notched) Hardness (Shore D): 80 USDA: Acceptable for use in federally inspected meat C 2003 and poultry plants

Ordering Information Packaged: 28 units/case Product Dimensions: 3.6" x 7/8" each unit Case Dimensions: 12" x 9" x 5" Case Weight: 4.75 lbs

Problem Solving Products for Industry[™]





INSTALLATION INSTRUCTIONS

FIX STIX™ 20 Minute Epoxy

FIX STIX[™] is a hand-moldable, steel filled epoxy.

Read instructions before starting installation*

Before applying roughen and clean the area to be repaired.

Wear gloves when mixing or handling uncured Fix Stix[™].

Then follow these 5 easy steps:



Knead together the inner and outer core of FIX STIX™. If mixing is difficult, warm to

 FIX STIX[™]. If mixing is difficult, warm to room temperature or slightly above.



3. Ensure FIX STIX^m is completely mixed and the color is a uniform dark gray.



1. Cut off the desired amount to be used. Peel off protective wrap.



4. Apply FIX STIX[™] to damaged area. Fill in holes, cracks or offsets.



5. Press FIX STIX[™] firmly into the damaged area to ensure a solid fill.

For application review or questions contact InduMar Products at 1-800-523-7867, 713-977-410







Additional Information

FIX STIX™ 20 Minute Epoxy

Shelf Life at 75°F (24°C):	Minimum 24 months
Working Time:	Two minutes
Set Time:	20 minutes
Maximum Use Temperature:	300°F (149°C)
See Technical Data Sheet for further specifications	

Solvents	Caustics
Normal temperature exposure to the following solvents has no effect or minor	Normal temperature exposure to the following caustics has no effect or minor
effect on cured FIX STIX™ epoxy putty:	effect on cured FIX STIX™ epoxy putty:
 Alcohols (e.g., methyl, ethyl, isopropyl, butyl) 	Chlorine bleach (dilute)
Antifreeze	Caustic potash
Cellosolves	Hydrogen peroxide
 Chlorinated solvents, saturated (limited) 	 Salt solutions, including alum, calcium chloride and salt
 Ester (e.g., amyl acetate) 	 Soap and soap solutions
Greases	Hot or strongly concentrated exposure to the following solvents has a moderate
 Lacquers and lacquer thinner 	or severe effect on cured FIX STIX [™] epoxy putty:
Methylene chloride	Acetone
Mineral spirits	Bromine
• Naphtha	Caustic potash (hot)
 Natural oils, e.g., linseed, olive, palm 	Chlorine
 Oils and fuels, including diesel oil, fuel oil, gasoline, jet fuel, 	Chromate solutions
lubricating oil and silicone oil	 Hydrogen peroxide (hot)
Methylene chloride	 Hypochlorite bleach (concentrated or hot)
Mineral spirits	Oxidizing agents
Paint thinner	Sodium peroxide
• Shellac	 Soap and soap solutions
Toluene	• Oleum
Trichloroethane	 Plating solutions.
Turpentine	Acids
• Xylene	Normal temperature exposure to the following caustics has no effect or minor
Hot or strongly concentrated exposure to the following solvents has a moderate	effect on cured FIX STIX™ epoxy putty:
or severe effect on cured FIX STIX™ epoxy putty:	• Acetic
Acetone	Muriatic
• Esters (hot)	• Nitric
Methylethyl ketone (MEK)	Hot or strongly concentrated exposure to the following solvents has a moderate
	or severe effect on cured FIX STIX [™] epoxy putty:
	• Acetic
	• Aqua regia
	Carbolic
	Muriatic
	Nitric
	Sulfuric



* In lieu of all warranties, expressed or implied - Seller's and Manufacturer's only obligation shall be to replace the product proven to be defective. Neither seller nor manufacturer shall be liable for any injury, loss, nor damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for its intended use and user assumes all risk and liability whatsoever in connection therewith.



Unconventional Solutions, Inc.

Repair - Protect - Upgrade